BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer- Dasarahalli Divion
WORK SLIP

BBMP, Dasarahalli

Name of The Work: **Modified Estimate for Improvements and Re-Asphalting to Ganesha Saw Mill road and surrounding roads in Dasarahalli in Ward No.15**

Estimate Amount: 40.00 Lakhs

Sl	Tender Item No	Description of Item	Unit	As per Sanction Estimate			As per Tender			Total Executed Qty	Qty Executed up to 125%			Qty Executed Above 125% more than tender Qty			Total Amount	Excess		Remarks
				Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Qty.	Amount	
1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sq m	675.00	111.30	75127.50	675.00	126.88	85644.00	968.10	968.10	126.88	122833.00	0.00	0.00	0.00	122833.00	293.10	37189.00	
2	2	Earthwork excavation by manual means in Ordinary Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Cu m	550.00	133.56	73458.00	550.00	152.26	83743.00	675.39	675.39	152.26	102835.00	0.00	0.00	0.00	102835.00	125.39	19092.00	
3	3	Providing and fixing RCC Precast slabs of 0.10 thick of CC M20 with 20mm and down size graded granite metal machine mixed, including cost of labour, HOM of Machinery, curing complete	Sq m	225.00	1615.00	363375.00	225.00	1841.10	414247.50	40.50	40.50	1841.10	74565.00	0.00	0.00	0.00	74565.00			
4	4	KSRRB M400-6.2. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixingby mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - Close graded granular sub-base material as per 400-1 For Grading I Material	Cu m	112.50	1855.00	208687.50	112.50	2114.70	237903.75	195.32	140.62	2114.70	297369.00	54.70	2862.63	156586.00	453955.00	82.82	216051.25	
5	5	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cu m	112.50	2001.28	225144.00	112.50	2281.46	256664.25	298.15	140.62	2281.46	320919.00	157.53	3001.81	472875.00	793694.00	185.65	537029.75	
6	6	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sq m	1500.00	26.50	39750.00	1500.00	30.21	45315.00	1302.17	1302.17	30.21	39339.00	0.00	0.00	0.00	39339.00			
7	7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cu m	63.00	5727.18	360812.34	63.00	6528.99	411326.37	65.10	65.10	6528.99	425037.00	0.00	0.00	0.00	425037.00	2.10	13710.63	
8	8	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sq m	3000.00	10.60	31800.00	3000.00	12.08	36240.00	4688.05	3750.00	12.08	45300.00	938.05	15.04	14108.00	59408.00	1688.05	23168.00	

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9	9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. - do - using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cu m	120.00	6761.74	811408.80	120.00	7708.38	925005.60	187.51	150.00	7708.38	1156257.00	37.51	12970.23	486513.00	1642770.00	67.51	717764.40
10	10	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sq m	125.00	454.74	56842.50	125.00	518.40	64800.00	164.58	156.25	518.40	81000.00	8.33	599.35	4993.00	85993.00	39.58	21193.00
11	11	KSRRB M-100-1 Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.	Cu m	648.00	123.80	80222.40	648.00	141.13	91452.24	675.39	675.39	141.13	95318.00	0.00	0.00	0.00	95318.00	27.39	3865.76
		TOTAL Amount														3895747.00		1589063.79

A	Total Sanctioned Amount	=	4000000.00
B	Amount Put to Tender	=	**3418632.96**
C	Tendered Amount	=	3897224.03
D	Probable amount As per Modified Estimate (Work Slip+EIRL)	=	**3895747.00**
E	Total Saving Amount(C-D)	=	1477.03

Since the overall expenditure is lesser than Sanctioned amount. Workslip may please be approved

Assistant Engineer
W-15

Assistant Executive Engineer
Dasarahalli Sub-Division

Chief Engineer
Dasarahalli Zone
B. B. M. P

Executive Engineer
Dasarahalli Division

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